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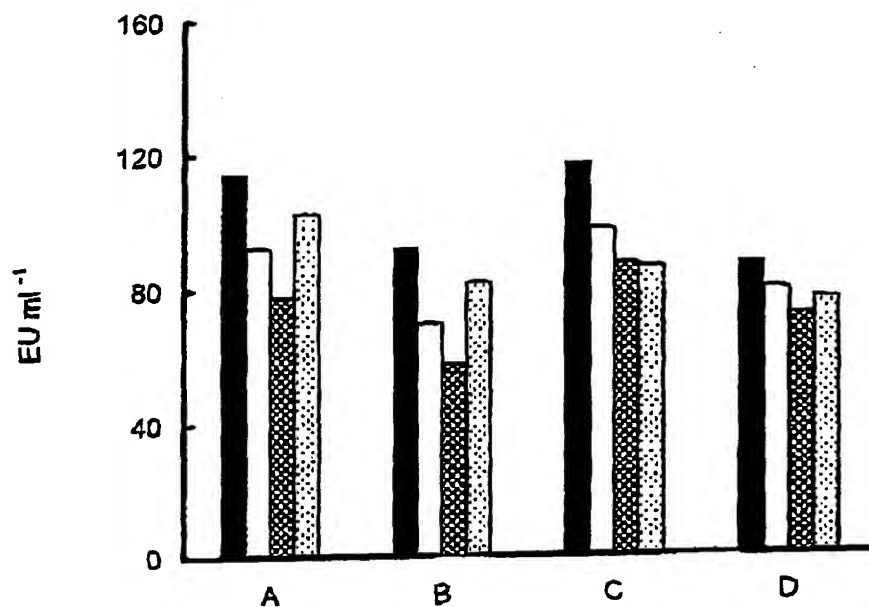


Fig. 1 Emulsification of test oils by different *Acinetobacter* strains representing four different genospecies. A: *Acinetobacter baumannii* ; B: *Acinetobacter haemolyticus* ; C: *Acinetobacter junii* ; D: *Acinetobacter lwoffii*

■ Almond oil □ Castor oil ▨ Olive oil ▩ Palm oil

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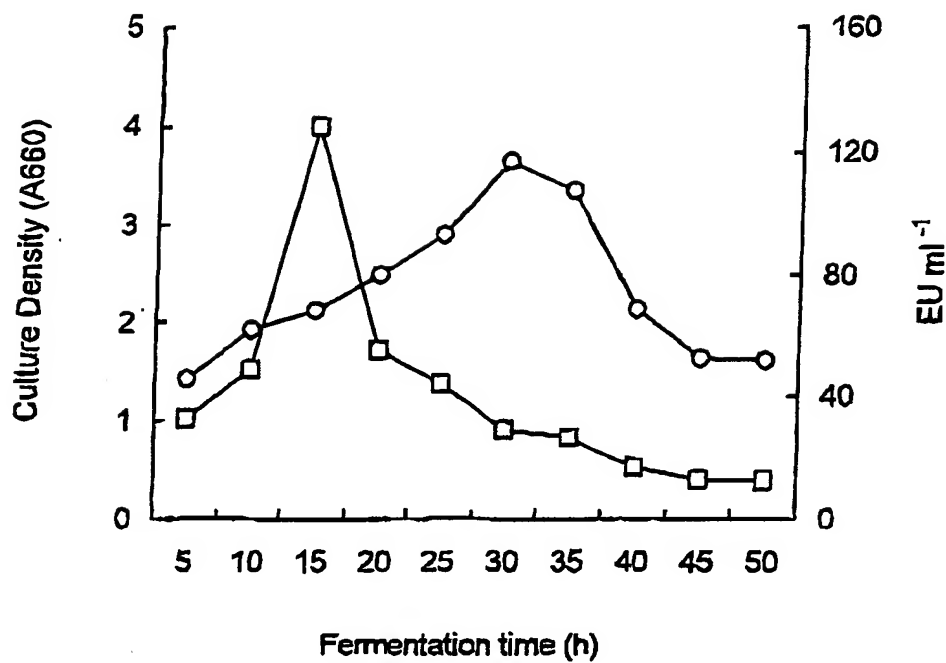


Fig. 2 Time course of cell growth and bioemulsifier production by *Acinetobacter junii* SC14 at 37°C in presence of 1% almond oil.

—□— A660 —○— EU ml⁻¹

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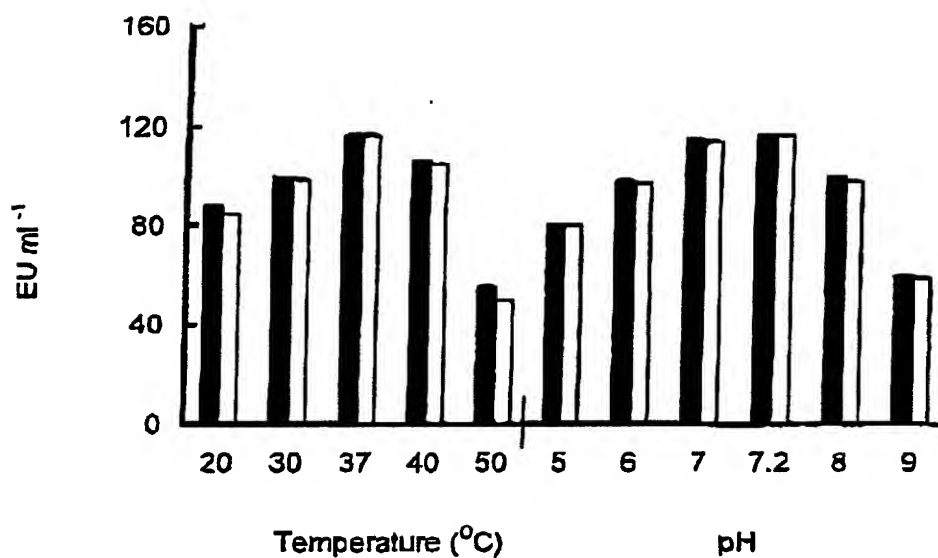


Fig. 3A Effect of temperature and pH on bioemulsifier production and activity by *Achetobacter junii* SC14

■ Bioemulsifier Production □ Bioemulsifier Activity

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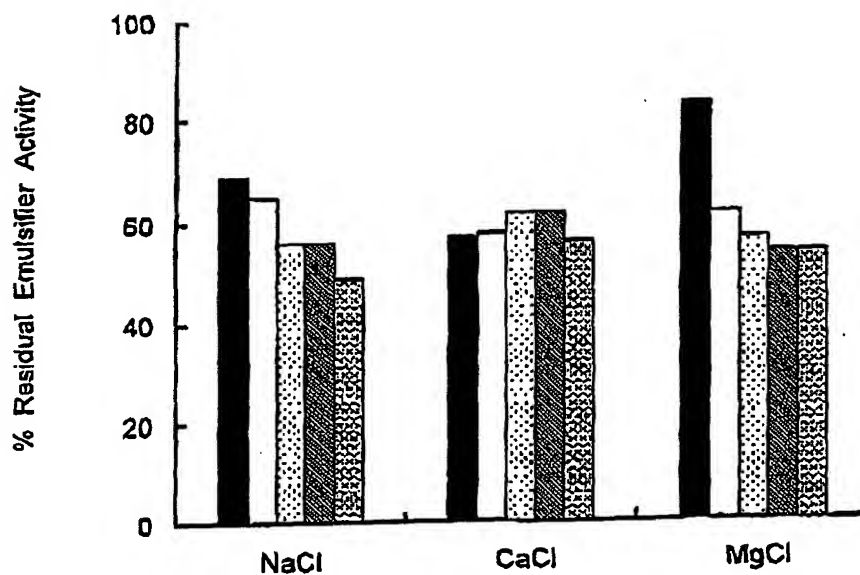


Fig. 3B Effect of salts on activity of bioemulsifier produced by *Acinetobacter junii* SC14

■ 1% □ 2% ▨ 4% ▩ 6% ▩ 8%

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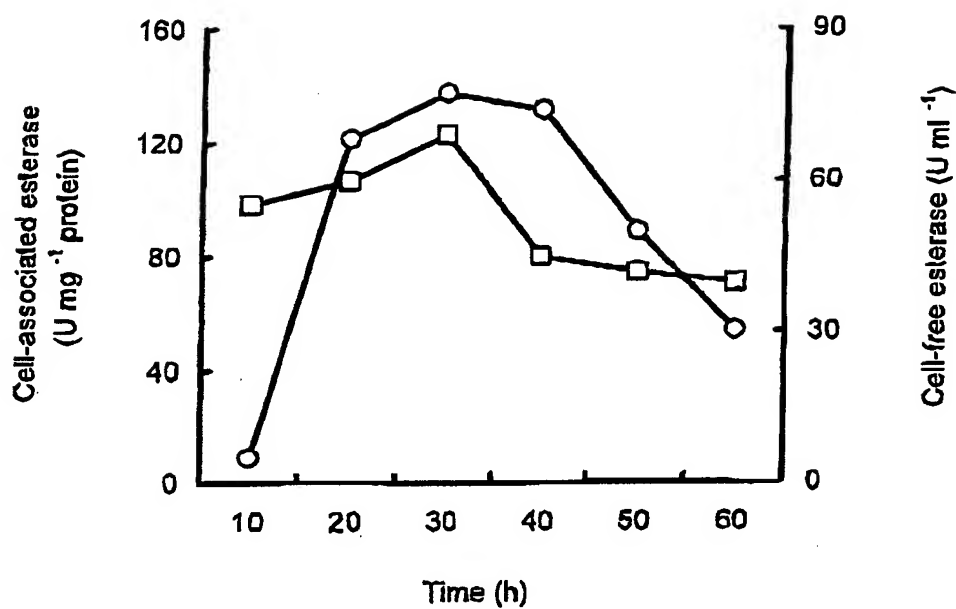


Fig. 4 Esterase production by *Acinetobacter junii* SC14

—□— Cell pellet —○— Cell-free supernatant

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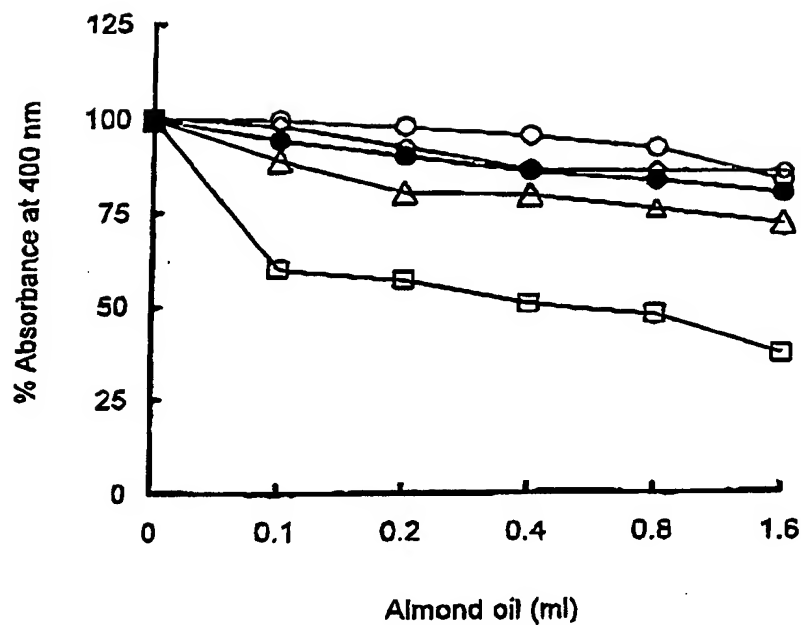


Fig. 5A Cell Surface Hydrophobicity of *Acinetobacter* strains using almond oil as test substrate

—○— SC14 —□— SB1 —△— GS1LB —●— EC78 —◇— PA1223

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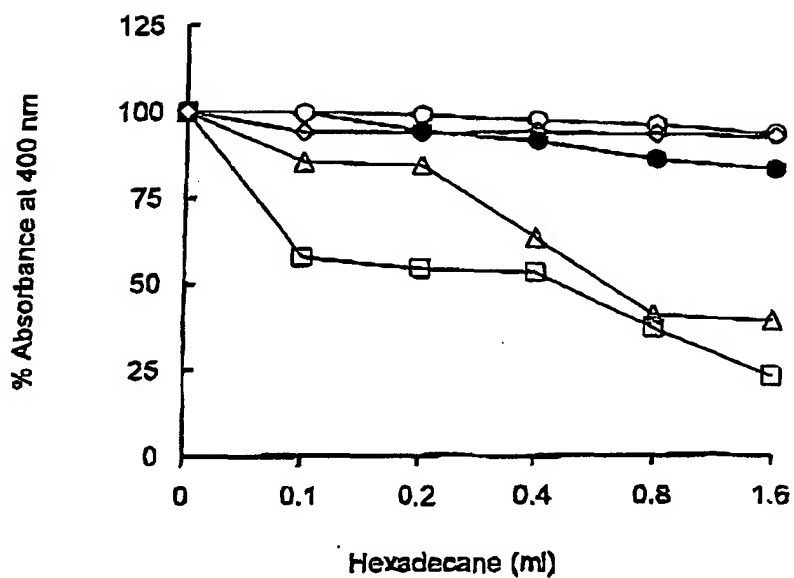


Fig. 5B Cell surface hydrophobicity of *Acinetobacter* strains using hexadecane as test substrate

● SC14 □ SB1 △ GS1LB ○ EC78 ◇ PA1223